

## Proposal Full View

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### Applicant Information

Organization Name  \*

Tax ID **952303211**

Proposal Name Warren Valley Subbasin  
Groundwater Monitoring Program \*

Proposal Objective A well monitoring site (YV-3) is proposed in the vicinity of the wastewater treatment plant to assess the saturated-zone hydrology, to collect background data, and to monitor the vertical movement of reclaimed wastewater in the saturated zone. YV-3 will provide depth-specific monitoring points to evaluate groundwater movement, changing water levels and groundwater chemistry in the aquifers in the east hydrogeological unit of the Warren subbasin, which does not have multi-level monitoring sites. \*

### Budget

Other Contribution	<input type="text" value="\$0.00"/>	
Local Contribution	<input type="text" value="\$0.00"/>	
Federal Contribution	<input type="text" value="\$17,000.00"/>	
Inkind Contribution	<input type="text" value="\$0.00"/>	
Amount Requested	<input type="text" value="\$208,950.00"/>	*
Total Project Cost	<input type="text" value="\$225,950.00"/>	*

### Geographic Information

Latitude \* DD(+/-)  MM  SS

Longitude \* DD(+/-)  MM  SS

Longitude/Latitude Clarification Location

County San Bernardino \*

Ground Water Basin Warren Valley

Hydrologic Region Colorado River

Watershed 17010708

### Legislative Information

Assembly District 65th Assembly District \*

Senate District  
US Congressional District

35th Senate District \*  
District 41 (CA) \*

## Project Information

Project Name

Warren Valley Subbasin Grou

Implementing Organization	Hi-Desert Water District
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	4/16/2013
Project Scope	The scope of work has three components; well drilling, monitoring well setting, and equipment collaboration and sampling.
Project Description	In response to the elevated contaminants from the discharge of septic tanks, the State Water Board issued a septic tank prohibition to protect our groundwater supply. The proposed solution is to construct a wastewater treatment plant and collection system. This grant proposal will install a monitoring well into our east hydrogeological unit which is the geographic location of our proposed wastewater treatment plant. This monitoring grant proposal will create the planning tool for the ultimate discharge of the effluent from the wastewater treatment plant. The effluent will eventually be used as a source and supply of water for our service area. Currently, Hi-Desert Water District (HDWD) does not have a monitoring well in this area. The monitoring well will give us data to evaluate the quality of this subbasin aquifer. The quality will help plan the operation of the plant and the construction of a production well. Within the Warren Valley adjudication, item # 17 on page 8, states a need for a physical solution to assure maximum beneficial use of the water resources of the Warren Valley Basin. The adjudication is the Ground Water Management Plan (GWMP) document for this proposal.
Project Objective	A well monitoring site (YV-3) is proposed in the vicinity of the wastewater treatment plan to assess the saturated-zone hydrology, to collect background data, and to monitor the vertical movement of reclaimed wastewater in the saturated zone. YV-3 will provide depth-specific monitoring points to evaluate groundwater

movement, changing water levels and groundwater chemistry in the aquifers in the east hydrogeological unit of the Warren subbasin, which does not have multi-level monitoring sites.

## Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Monitoring wells installed	0	Monitoring well for evaluating groundwater quality

## Project Objective

## Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="17000"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="208950"/>
Total Project Cost	<input type="text" value="225950"/>

## Geographic Information

Latitude DD(+/-)	<input type="text" value="34"/>	MM	<input type="text" value="7"/>	SS	<input type="text" value="52"/>
Longitude DD(+/-)	<input type="text" value="116"/>	MM	<input type="text" value="22"/>	SS	<input type="text" value="29"/>
Longitude/Latitude Clarification	<input type="text"/>	Location	<input type="text"/>		
County San Bernardino Ground Water Basin Warren Valley Hydrologic Region Colorado River					
WaterShed	<input type="text" value="17010708"/>				

## Legislative Information

Assembly District	65th Assembly District
Senate District	35th Senate District
US Congressional District	District 41 (CA)

## Section : Applicant Information and Question's Tab

**APPLICANT INFORMATION AND QUESTION'S TAB****Q1. Applicant Information**

**Provide the agency name, address, city, state, and zip code of the applicant submitting the application.**

Hi-Desert Water District, 55439 29 Palms Highway, 92284

**Q2. Proposal Description:**

**Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.**

In response to the elevated contaminants from the discharge of septic tanks, the State Water Board issued a septic tank prohibition to protect our groundwater supply. The proposed solution is to construct a wastewater treatment plant and collection system. This grant proposal will install a monitoring well into our east hydrogeological unit which is the geographic location of our proposed wastewater treatment plant. This monitoring grant proposal is in response to the ultimate discharge of the effluent from the wastewater treatment plant. The effluent will eventually be used as a source and supply of water for our service area. Currently, Hi-Desert Water District (HDWD) does not have a monitoring well in this area. The monitoring well will give us data to evaluate the quality of this sub basin aquifer. The quality will help plan for the operation of the plant and then the construction of a production well. Within the Warren Valley adjudication, item # 17 on page 8 states a need for a physical solution to assure maximum beneficial use of the water resources of the Warren Valley Basin. The adjudication is the Ground Water Management Plan (GWMP) document for this proposal.

**Q3. Project Director:**

**Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

Frank J. Luckino, Assistant General Manager/Chief Financial Officer, 760-228-6282,  
frankl@hdwd.com

**Q4. Project Manager:**

**Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

Mark Ban, Director of Operations, 760-365-7412, markb@hdwd.com

**Q5. Additional Information:**

**Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:**

[http://www.water.ca.gov/groundwater/groundwater\\_basics/gw\\_contacts\\_info.cfm](http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm)

- 2) ☐ North Central Region
- 3) ☐ South Central Region
- 4) ☒ Southern Region

**Q6. Additional Information:**

**Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.**

The original adjudication was approved by the court in 1977 and then amended in 1996

**Q7. Additional Information:**

**Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).**

Hi-Desert Water District (HDWD) is in collaboration with two agencies to address our groundwater basin, Town of Yucca Valley and United State Geological Survey (USGS). The Town of Yucca Valley collaborates with the District in a city funding mechanism to fund our wastewater treatment and reclamation project. The proposed mechanism is a 1% sales tax augmentation which generates \$70M for the wastewater project. The proposed agreement is a revenue/lease agreement. USGS and HDWD have a Joint Funding Agreement (JFA) to fund this and other projects to monitor our groundwater supply. The JFA would be updated to incorporate this project.

**Q8. Additional Information**

**Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".**

No

**Q9. Eligibility:**

**List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.**

Hi-Desert Water District, 760-228-6282, frankl@hdwd.com

**Q10. Eligibility:**

**Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.**

Hi Desert Water District submitted the UWMP and accepted by DWR

**Q11. Completeness Check:**

**Have all of the fields in the application been completed?**

Yes

**Q.11. Completeness Check (cont)**

**If no, please explain. If yes, answer this question with "NA".**

NA

**Section : Application Attachments Tab****APPLICATION ATTACHMENTS TAB****Attachment 1. Authorizing Documentation**

**Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#1\_LGA12\_HDWD\_AuthDoc\_1of1.pdf

**Attachment 2. Eligible Applicant Documentation**

**Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#2\_LGA12\_HDWD\_EligDoc\_1of1.docx

**Attachment 3. Status of GWMP**

**Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments:

Att#3\_LGA12\_HDWD\_GWMP\_1of2.pdf,Att#3\_LGA12\_HDWD\_GWMP\_2of2.docx

**Attachment 4. Project Description**

**Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#4\_LGA\_HDWD\_ProjD\_1of1.docx

**Attachment 5. Work Plan**

**Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments:

Att#5\_LGA12\_HDWD\_WrkPln\_1of2.xlsx,Att#5\_LGA12\_HDWD\_WrkPln\_2of2.pdf

### **Attachment 6. Budget**

**Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments:

Att#6\_LGA12\_HDWD\_BUDGET\_1of2.docx,Att#6\_LGA12\_HDWD\_BUDGET\_2of2.pdf

### **Attachment 7. Schedule**

**Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#7\_LGA12\_HDWD\_SCHED\_1of1.docx

### **Attachment 8. Quality Assurance**

**Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#8\_LGA12\_HDWD\_QA\_1of1.docx

### **Attachment 9. Past Performance**

**Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att#9\_LGA12\_HDWD\_PERFORM\_1of1.docx

### **Attachment 10. AB1420 and Water Meter Implementation Compliance**

**Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments:

Att#10\_LGA12\_HDWD\_1420\_1of2.pdf,Att#10\_LGA12\_HDWD\_1420\_2of2.pdf

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